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**From:** Piro, Peter (DPH)  
**Sent:** Friday, February 17, 2012 1:58 PM  
**To:** Nassif, Julianne (DPH)  
**Subject:** RE: Fentanyl Results

Hi Julie,

I saw your sticky notes on the fentanyl run. When I analyzed the run, I followed the labs minimum acceptance criterion for mass spectral confirmation. That criterion is stated as follows; the minimum abundance for a particular analyte is achieved when it can be matched to a reference spectrum. This rule will apply to sample confirmation work and standard QC work performed by the laboratory.

When I analyzed the fentanyl run, I confirmed samples if all the ion cluster were present, similar to what you would normally find in a published spectra, ie like one from the NIST library. The 50 and 25 ug/ml fentanyl citrate standards generally met that acceptance criterion. The 12.5 ug/ml fentanyl citrate standard was missing some detail as were a few samples that integrated. Hence, I didn't say those were confirmed. As far as a small ion not part of a cluster, I'm willing to let those go if they're not present. Let me know if you want to address this matter for the lab in the future or for the fentanyl results.

Thanks  
Peter

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**From:** Nassif, Julianne (DPH)  
**Sent:** Friday, February 17, 2012 12:26 PM  
**To:** O'Brien, Elisabeth (DPH); Piro, Peter (DPH)  
**Subject:** Fw: Fentanyl Results

Data are in my office

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**From:** Rouvalis, John [<mailto:RouvalisJ.bpd@ci.boston.ma.us>]  
**Sent:** Friday, February 17, 2012 10:31 AM  
**To:** Nassif, Julianne (DPH)  
**Subject:** RE: Fentanyl Results

Ok-Next up is Morphine. Does the lab need any control samples? If so, how many vials?

-----Original Message-----

**From:** Nassif, Julianne (DPH) [<mailto:julianne.nassif@state.ma.us>]  
**Sent:** Friday, February 17, 2012 10:21 AM  
**To:** Rouvalis, John  
**Subject:** Re: Fentanyl Results

Analysis is complete just need to print certs. Set up a time w betsy for next week

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**From:** Rouvalis, John [<mailto:RouvalisJ.bpd@ci.boston.ma.us>]  
**Sent:** Friday, February 17, 2012 09:58 AM  
**To:** Nassif, Julianne (DPH)  
**Subject:** Fentanyl Results

Hi Julie,

Any update on the Fentanyl I submitted?

Thank you,  
John Rouvalis

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